

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049610.D
 Acq On : 29 Jun 2018 00:52
 Operator : MD\SY
 Sample : VN0628WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 1:46:48 PM

Quant Time: Jun 29 04:43:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1317263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2046810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1817222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	944017	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	887282	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
35) Dibromofluoromethane	7.59	113	790199	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
50) Toluene-d8	10.09	98	2995349	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	12.40	95	998234	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.85	85	309234	20.40	ug/l	99
3) Chloromethane	2.06	50	360045	18.39	ug/l	97
4) Vinyl Chloride	2.18	62	400685	19.26	ug/l	99
5) Bromomethane	2.56	94	188679	17.25	ug/l	97
6) Chloroethane	2.70	64	244235	19.69	ug/l	100
7) Trichlorofluoromethane	3.02	101	421227	16.23	ug/l	97
8) Diethyl Ether	3.41	74	173711	19.17	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	315851	19.18	ug/l	93
10) Methyl Iodide	3.95	142	394521	23.02	ug/l	92
11) Tert butyl alcohol	4.80	59	86285	84.14	ug/l #	70
12) 1,1-Dichloroethene	3.73	96	291474	19.30	ug/l	90
13) Acrolein	3.61	56	95549	88.85	ug/l	100
14) Allyl chloride	4.32	41	400494	16.79	ug/l	90
15) Acrylonitrile	4.99	53	470225	91.71	ug/l	99
16) Acetone	3.82	43	360151	84.90	ug/l	96
17) Carbon Disulfide	4.05	76	835359	17.65	ug/l	100
18) Methyl Acetate	4.33	43	399683	30.90	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	746687	19.39	ug/l	99
20) Methylene Chloride	4.55	84	337535	19.05	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	298649	18.68	ug/l	95
22) Diisopropyl ether	5.95	45	947850	19.90	ug/l	94
23) Vinyl Acetate	5.90	43	2954788	95.17	ug/l	96
24) 1,1-Dichloroethane	5.85	63	587169	19.26	ug/l	99
25) 2-Butanone	6.84	43	498596	87.53	ug/l	96
26) 2,2-Dichloropropane	6.82	77	377461	15.33	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	341874	19.23	ug/l	90
28) Bromochloromethane	7.20	49	261918	19.38	ug/l #	83
29) Tetrahydrofuran	7.22	42	342617	93.44	ug/l	93
30) Chloroform	7.37	83	599200	19.75	ug/l	99
31) Cyclohexane	7.65	56	507682	19.54	ug/l #	91
32) 1,1,1-Trichloroethane	7.57	97	507862	19.62	ug/l	98
36) 1,1-Dichloropropene	7.79	75	437237	18.64	ug/l	97
37) Ethyl Acetate	6.93	43	242317	19.00	ug/l	96
38) Carbon Tetrachloride	7.77	117	414287	17.06	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	453631	18.01	ug/l	95
40) Benzene	8.04	78	1333933	18.55	ug/l	98
41) Methacrylonitrile	7.18	41	107794	15.63	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	412620	18.57	ug/l	97
43) Isopropyl Acetate	8.17	43	563214	23.11	ug/l	95
44) Trichloroethene	8.84	130	396479	20.88	ug/l	94
45) 1,2-Dichloropropane	9.12	63	349864	18.58	ug/l	100
46) Dibromomethane	9.21	93	202453	18.54	ug/l	89
47) Bromodichloromethane	9.40	83	436466	18.19	ug/l	95
48) Methyl methacrylate	9.20	41	216055	18.83	ug/l	88
49) 1,4-Dioxane	9.20	88	56556	357.12	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	1174013	91.93	ug/l	95
52) Toluene	10.16	92	812548	19.25	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	387011	16.86	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	468248	17.28	ug/l #	90
55) 1,1,2-Trichloroethane	10.56	97	288025	18.30	ug/l	98
56) Ethyl methacrylate	10.43	69	338187	18.63	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	483732	18.56	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	777508	127.26	ug/l	94
59) 2-Hexanone	10.75	43	742105	90.14	ug/l	93
60) Dibromochloromethane	10.90	129	312592	17.80	ug/l	98
61) 1,2-Dibromoethane	11.01	107	278646	19.05	ug/l	99
64) Tetrachloroethene	10.63	164	468432	25.16	ug/l	97
65) Chlorobenzene	11.44	112	866770	18.52	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	316701	17.98	ug/l	99
67) Ethyl Benzene	11.51	91	1460588	18.81	ug/l	97
68) m/p-Xylenes	11.62	106	1153188	39.57	ug/l	96
69) o-Xylene	11.95	106	541411	19.29	ug/l	98
70) Styrene	11.96	104	886399	20.02	ug/l	98
71) Bromoform	12.13	173	197355	17.31	ug/l #	99
73) Isopropylbenzene	12.25	105	1432144	17.28	ug/l	98
74) N-amyl acetate	12.07	43	365504	18.00	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	308781	16.61	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	267339m	16.60	ug/l	
77) Bromobenzene	12.53	156	373490	17.06	ug/l	88
78) n-propylbenzene	12.59	91	1661823	18.26	ug/l	99
79) 2-Chlorotoluene	12.68	91	1013985	17.58	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1228266	18.85	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	69171	13.57	ug/l	96
82) 4-Chlorotoluene	12.77	91	1015500	18.25	ug/l	96
83) tert-Butylbenzene	12.99	119	1011901	17.53	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1247607	19.28	ug/l	99
85) sec-Butylbenzene	13.17	105	1359783	17.70	ug/l	98
86) p-Isopropyltoluene	13.29	119	1171664	18.26	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	664906	18.46	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	647893	18.15	ug/l	100
89) n-Butylbenzene	13.62	91	912045	18.19	ug/l	98
90) Hexachloroethane	13.88	117	107032	7.36	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	654765	18.54	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	49693	17.22	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	267586	19.70	ug/l	100
94) Hexachlorobutadiene	15.01	225	198469	17.44	ug/l	99
95) Naphthalene	15.14	128	525987	21.10	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	268462	19.25	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

